EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lester Vincent on 4/2/2008.

The application has been amended as follows:

Specification

Replace **[51]** as follow:

[51] As routing and signaling protocols are often implemented with software, it is to be understood that embodiments of this invention may be used as or to support a software program executed upon some form of processing core (such as the CPU of a computer) or otherwise implemented or realized upon or within a machine readable medium. A machine readable storage medium includes read only memory (ROM); random access memory (RAM); magnetic disk storage media; optical storage media and flash memory devices. A machine readable transmitting medium includes electrical, optical, acoustical or other form of propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.); etc.

Claims

Rewrite claims 17-22 and 25-28 as follow:

17.   A machine readable storage medium having stored thereon sequences of
instructions which, when executed by a digital processing system, cause said system to
perform a method for automatically updating a source node in a PNNI ATM network,
comprising:

in response to a notification of an address change to a destination node in said
PNNI ATM network, encoding said address change into a SIG field in a PNNI topology
state element (PTSE);

issuing said PTSE from said destination node to said source node over a soft
permanent virtual circuit (SPVC) connecting said destination node with said source
node; and

decoding said address change and updating said source node with said address
change.

18.   The machine readable storage medium of claim 17 wherein said PTSE is
embedded within a PTSP.

19.   The machine readable storage medium of claim 17 wherein said PTSE is issued
as part of a scheduled broadcast of status information of said destination node.

20.   The machine readable storage medium of claim 17 wherein said notification is
regarded as an event within said PNNI ATM network worthy of reporting to other nodes
within said PNNI ATM network.

• 21.   The machine readable storage medium of claim 17 where said method further

comprises issuing said PTSE from said PNNI ATM network, said PNNI ATM network

being a peer network within a larger PNNI ATM network.

22.   The machine readable storage medium of claim 17 wherein said PTSE has a

limited lifetime within said PNNI ATM network.

25.   A machine readable storage medium having stored thereon sequences of

instructions which, when executed by a digital processing system, cause said system to

perform a method for automatically updating a source node in a PNNI ATM network,

comprising:

    a) receiving, at said source node within said PNNI ATM network, information

describing an address change of a destination node within said PNNI ATM network,

wherein said destination node comprises a destination endpoint for a soft permanent

virtual circuit (SPVC) that connects said source node to said destination node, said

address change information comprising an old address for said destination node and a

new address for said destination node, wherein said address change information is

encoded within a SIG field in a PNNI topology state element (PTSE);

    b) decoding said address change information at said source node;

    c) comparing said old address with an SPVC destination node address

maintained by said source node to establish an SPVC connection supported by said

source node; and

    d) replacing said SPVC destination node address with said new address if said

old address and said SPVC destination node address match.

26.   The machine readable storage medium of claim 25 wherein said PTSE is embedded within a PTSP packet.

27.   The machine readable storage medium of claim 25 wherein said method further comprises issuing said PTSE from said PNNI ATM network, said PNNI ATM network being a peer network within a larger PNNI ATM network.

28.   The machine readable storage medium of claim 25 wherein said address change is within an NSAP format.

Interview Summary

On 4/2/2008, the Examiner initiated a telephone interview to propose an examiner's amendment. The proposed amendment is to remove the 101 issue. The specification is amended to clearly define what are included in the machine readable storage and in the machine readable transmitting medium. The claims are amended to direct to the machine readable storage medium. Applicants state that they have no intention to claim the machine readable transmitting medium.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID Y. ENG whose telephone number is 571-272-3984. The examiner can normally be reached on M-F from 8AM to 3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SALEH NAJJAR, can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

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system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/DAVID Y. ENG/

Primary Examiner, Art Unit 2155